A-6457

SOLE/JOINT

# **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and joint inventor of the subject matter claimed and for which a patent is sought in the application entitled:

original, first and joint inventor of the subject matter	claimed and for	which a patent is sou	ight in the application	on entitled:		
RADIO RECEIVER FOR RECEIV	ING BOTH VSB	AND QAM DIGIT	AL HDTV SIGNAL	S.		
which application is: the attached application (for original application)	<u>X</u> app	plication Serial No. e 28, 1994, and ame	08/266,753.	<u>.</u>		
	(for decla	ration not accompan	ying application)			
I hereby state that have reviewed and understate the claims, as amended by an amendment referred to a on my behalf that I was legally obligated to assign my I acknowledge the duty to disclose information of wh 37 C.F.R. 1.56(a).	entire right, title ich I am aware v	ate that at the time of and interest in such is which is material to the state of t	of my inventing the suinvento to Samsung I the examination of the	ubject matter claimed Electronics Co., Ltd. his application under		
Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic,	Keg No 23 06	3. Bohart V Cloop	TO a S Na 22 775. D	1.4. D AI -		
110. See 13, 3. 1 fair. Oslia, Reg. 140. 24,023; Waddel	IA. Biggart Reg	No. 24 861. Doham	t C. MaMarrow, Da.	- NI- 10 000 T '		
Joseph # Ruch, Jr., Reg. No. 26,577; Sheldon I. I.a.	ndsman Reg No	. Cushing, Reg. No.	28,703; John R. Ing	ge, Reg. No. 26,916:		
Doinstead, Rog. 110. 25,005, Mail J. Raspel, Reg.	NO. /.).4/0:K-en	neth I Ruschfiel D	20 No. 21 222. C.	and an 12% Day No.		
Mandir Reg. No. 32,156 and Scott M. Daniels. Re	. Bernstein, Reg.	No. 31,484, Mark	Boland, Reg. No.	32,197, William H.		
oddiness in the rate and trademark Office connecte	a nerewith, and u	vith any divisional d	continuation continu	ation in mant mainance		
of to examination application, with full power of app	omiment and wit	h full nower to cube	titute an accociate at	tomos on occur and		
to receive all patents which may issue thereon, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, 2100 Pennsylvania Avenue, N.W., Washington, D.C.						
20037; area code (202)293-7060.	2.11 & 01	27 10, 2100 Fellisyl	vailia Avenue, N.W	., washington, D.C.		
I hereby declare that all statements made here and belief are believed to be true; and further that the the like so made are punishable by fine or imprisonm such willful false statements may jeopardize the valid	ese statements we tent, or both und	ere made with the kn	lowledge that willful	folca statamanta and		
Date August 5, 1994	First Inventor_	Chandrakant	Bhailalbhai	PATEL		
9		First Name	Middle Initial	Last Name		
Residence Hopewell, N.J.	_ Signature <u>(</u>	Thandakant	Bhailelbha:	Pato		
	Post Office Add	dress 251 Amwell R	oad, Hopewell, NJ	08525		
Citizenship United States						

A-6457

Date	Second Inventor	Allen	LeRov	IMPEDO
		First Name	Middle Initial	Last Name
Residence Ringoes, NJ	Signature	····		
				hington Office,
Citizenship United States	One Westin Center,	Suite 250, 2445	M. St., N.W. Was	hington, DC 20037
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Date	Third Inventor			
		First Name	Middle Initial	*Last Name
Residence	Signature	•		
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Citizenship	r <sub>e</sub>			•
Figure 1				
Date				•••••••
		First Name	Middle Initial	Last Name
Residence	Signature	-	· · · · · · · · · · · · · · · · · · ·	
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Citizenship				

A-6457

SOLE/JOINT

## **DECLARATION AND POWER OF ATTORNEY**

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My residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and joint inventor of the subject matter claimed and for which a patent is sought in the application entitled:

RADIO RECEIVER FOR RECEIVIN	IG BOTH VSB	AND QAM DIGIT	TAL HDTV SIGNAL	LS
which application is: the attached application (for original application)		olication Serial No. e 28, 1994, and am		
	(for decla	ration not accompar	nying application)	
I hereby state that have reviewed and understand the claims, as amended by an amendment referred to abo on my behalf that I was legally obligated to assign my en I acknowledge the duty to disclose information of which 37 C.F.R. 1.56(a).	ve. I further si tire right, title 1 I am aware v	ate that at the time of and interest in such which is material to	of my inventing the sinvento to Samsung I the examination of t	ubject matter claimed Electronics Co., Ltd. his application under
Robert L Seas, Jr., Reg. No. 21,092; Darryl Mexic, Robert L Seas, Jr., Reg. No. 21,092; Darryl Mexic, Robert L Seas, Jr., Reg. No. 21,092; Darryl Mexic, Robert L Seas, Jr., Reg. No. 24,625; Waddell A Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,000; Joseph F. Ruch, Jr., Reg. No. 26,577; Sheldon I. Lands Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. E Mandit Reg. No. 32,156 and Scott M. Daniels, Reg. business in the Patent and Trademark Office connected hor re-examination application, with full power of appoint to receive all patents which may issue thereon, and SUGHRUE, MION, ZINN, MACPE 20037; area code (202)293-7060.	eg. No. 23,06:  A. Biggart, Reg.  5,200; David J.  Sman, Reg. No.  25,426; Ken.  Bernstein, Reg.  No. 32,562, r.  nerewith, and v.  trequest that	3; Robert V. Sloan, No. 24,861; Robert Cushing, Reg. No. 25,430; Richard ( neth J. Burchfiel, F No. 31,484, Mark ny attorneys to prosvith any divisional, o h full power to subsall correspondence	Reg. No. 22,775; F t G. McMorrow, Re 28,703; John R. Ing C. Turner, Reg. No. Reg. No. 31,333; G t Boland, Reg. No. secute this application continuation, continuation, continuation, continuation, applications	Peter D. Olexy, Reg. 9. No. 19,093; Louis ge, Reg. No. 26,916; 29,710; Howard L. ordon Kit, Reg. No. 32,197, William H. on and to transact all lation-in-part, reissue ttorney or agent, and ion he addressed to
I hereby declare that all statements made herein and belief are believed to be true; and further that these the like so made are punishable by fine or imprisonmen such willful false statements may jeopardize the validity	statements we t, or both, und	ere made with the ki er Section 1001 of T	nowledge that willfu	I false statements and
DateF	irst Inventor_		Bhailalbhai	PATEL
Residence Hopewell, N.J.	Signature	First Name	Middle Initial	Last Name
	ost Office Ad-	lress 251 Amurall D	oad, Hopewell, NJ	08525
Citizenship United States	on onice Adi	AICOS ZOT AIIIWEII N	oad, Hopewell, NJ	00323

Date Xugust 4, 1992	Second Inventor Allen LeRoy LIMBERG  First Name Middle Initial Last Name
Residence Washington, DC	Signature X All Meday Limberg
	Post Office Address <u>c/o Samsung Electronics Washington Office</u> ,
Citizenship United States	One Westin Center, Suite 250, 2445 M. St., N.W. Washington, DC 20037
••••••	· · · · · · · · · · · · · · · · · · ·
Date	Third Inventor
	First Name Middle Initial Last Name
Residence	Signature
Citizenship	· · · · · · · · · · · · · · · · · · ·
Date <u>ji</u>	
Residence	First Name Middle Initial Last Name
	Signature
Ç LIMAN	Post Office Address
Citizenship	

#### PATENT APPLICATION

#/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Chandrakant B. Patal et al

Divisional of Appln. No. 08/266,753

Group Art Unit: 2602

Filed: June 28, 1994 Examiner: V. Kostak

For: RADIO RECEIVER FOR RECEIVING BOTH

VSB AND QAM DIGITAL HDTV SIGNALS

#### SUBMISSION OF SUBSTITUTE DECLARATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Attached please find a Substitute Declaration and Power of Attorney identifying the application by its Application Number and filing date.

The Examiner is respectfully requested to acknowledge receipt of this Declaration.

Respectfully submitted,

Alan J. Kasper

Registration No. 25,426

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.

Washington, D.C. 20037-3202

Telephone: (202) 293-7060 Facsimile: (202) 293-7860

Date: May 14, 1998

## **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

RADIO RECEIVER FOR RECEIVING BOTH VSB AND QAM DIGITAL HDIV SIGNALS

which application is:				
the attached application		n Serial No.0 <u>8/266, 7</u>	53	<u>.                                    </u>
(for original application)	filed <u>June</u>		, and amended on August 3.	1, 1995
Septen December 19, 1997 & attached that I have reviewed and understar	per 1, 1995, Nov. Preliminary	ember 7, 1995, Ap	oril 5, 1996, July 24, 199	<del>36,</del>
that I have reviewed and understar	Amendment and the contents of the	specification of the al	companying application, nove-identified application, includ	ling
the claims, as amended by any ame	ndment referred to ab	ove: that I acknowled	ze my duty to disclose information	n of
which I am aware which is materia	l to the patentability o	of this application und	ler 37 C.F.R. 1.56. that I hereby cl	laim
priority benefits under Title 35, U	nited States Code §11	9, §172 or §365 of an	y provisional application or fore	eign
application(s) for patent or invent	tor's certificate listed	below and have als	identified on said list any fore	≥ign
application for patent or inventor	's certificate on this i	invention having a fi	ling date before that of any fore	eign
application on which priority is claim	nea:	,		
Application Number	Country	Filing Date	Priority Claimed	
	•		(yes or no)	
I hereby claim the benefit of Title 3	5, United States Code	§120 of any United S	tates application(s) listed below	and.
insofar as the subject matter of each	h of the claims of this	application is not dis	closed in a listed prior United St	tates
application in the manner provided	l by the first paragrap	h of Title 35, United	States Code, §112. I acknowledge	mv
duty to disclose any information ma	aterial to the patentab	ility of this application	under 37 C.F.R. 1.56 which occu	rred .
between the filing date of the prior a	application and the nat	ional or PCT internati	onal filing date of this application	:
Application Serial No.	Filing	Date	Status	
	J		(patented, pending, abandoned)	
I hereby appoint John H. Mion, Reg.	No. 18,879; Thomas J.	Macpeak, Reg. No. 19,	292; Robert J. Seas, Jr., Reg. No. 21,	,092;
Darryl Mexic, Reg. No. 23,063; Rober	rt V. Sloan, Reg. No. 22	2,775; Peter D. Olexy, R	eg. No. 24.513: I. Frank Osha, Reg.	. No.
24,625; Waddell A. Biggart, Reg. No	. 24,861; Louis Gubins	ky, Reg. No. 24,835; N	eil B. Siegel, Reg. No. 25,200; Dav	rid J.
Cushing, Reg. No. 28,703; John R. In	ge, Keg. No. 26,916; Jo	seph J. Ruch, Jr., Reg.	No. 26,577; Sheldon I. Landsman,	Reg.
No. 25,430; Richard C. Turner, Reg.	No. 29,/10; Howard L	. Demstein, Keg. No. 2	5,665; Alan J. Kasper, Keg. No. 25	,426;
Kenneth J. Burchfiel, Reg. No. 31,333 Reg. No. 31,484; Mark Boland, Reg.	No. 32 197: William H	Mandir Reg No. 32	k, Reg. No. 50,951; Frank L. berns 156: Scott M. Daniels, Post No. 22	16III,
Brian W. Hannon, Reg. No. 32,778; A	braham I. Rosner, Res	. No. 33.276: Bruce F	Kramer Reg. No. 33 725: Paul F.N.	رعاني Joile
Reg. No. 33,102; Brett S. Sylvester, R	leg. No. 32,765, and Ro	obert M. Masters. Reg	No. 35.603 my attorneys to prose	cute
this application and to transact all bu	isiness in the Patent an	id Trademark Office co	nnected therewith, and request the	at all
correspondence about the application	on be addressed to SI	JGHRUE, MION, ZIN	N, MACPEAK & SEAS, PLLC,	2100
Pennsylvania Avenue, N.W., Washin	gton, D.C. 20037-3202.			
Y1				•
I hereby declare that all statement	s made herein of my	own knowledge are	rue and that all statements mad	e on
information and belief are believed	to be true; and furthe	r that these statement	s were made with the knowledge	that
willful false statements and the like Title 18 of the United States Code at	e so made are punisna	bie by fine of impriso	nment, or both, under Section 10	Ul or
or any patent issuing thereon.	in titat sucti wittiti ta	ise statements may jed	partitize the validity of the applica	ation
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Date MAY 05, 1998	First Inventor Chand	rakant Bhail	albhai PATEL	
	First Na	me	liddle Initial Last Nam	ie
Residence Hopewell, N.J.	signature Changha	Kant Khailal	bhai tatt	_
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	Post Office Address _251	HIWETT KOSO, HO	xwell, NJ 08525	
CitizenshipU.S.	<del></del>	· · · · · · · · · · · · · · · · · · ·		

Date	19 April 1998	Second Inventor	Allen		LIMBERG	
	Fairfax County, VA	Signature	Ven Vellag	Linkerg		
Citizenship	Post Office Address <u>2500 Lakevale Dr.</u> hip U.S. Vienna, VA 22181-4028					
Date	• • • • • • • • • • • • • • • • • • • •	Fourth Inventor		Middle Initial	Last Namo	
Residence		Signature				<del> </del>
		Post Office Addres	s			<del></del>

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UNITED STATE. ∴PARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF

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Washington, D.C. 20231

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Paper No.

SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 PENNSYLVANIA AVENUE, N.W. WASHINGTON, DC 20037

## **COPY MAILED**

APR 8 1996

OFFICE OF PETITIONS
A/C PATENTS

In re Application of Chandrakant B. Patal et al Application No. 08/266,753 Filed: June 28, 1994 Attorney Docket No. A6457

NOTICE

558

This is a decision on the petition, filed April 5, 1996, requesting withdrawal from issue of the above-identified application.

The petition is granted.

Petitioner requests withdrawal from issue because the present Figure 7 in the application as allowed does not correspond to the specification at pages 34 and 35 of the application and requests substitution of the proper figure to correct this error.

This application is withdrawn from issue for resolution of the filing date issue noted by petitioner.

This application will be forwarded to the Special Program Law Office for action in accordance with this decision.

The issue fee is refundable upon written request. However, if the application is again found allowable, the issue fee can be applied toward payment of the issue fee in the amount identified on the new Notice of Allowance and Issue Fee Due upon written request. This request and any balance due must be received on or before the due date noted in the new Notice of Allowance in order to prevent abandonment of the application.

Since withdrawal from issue was not necessitated by any mistake on the part of the Patent and Trademark Office, the \$130 fee for this petition will be charged to petitioner's Deposit Account No. 19-4880.

Telephone inquiries concerning this matter may be directed to the undersigned at (703) 305-8680.

Frances Hicks

Petitions Examiner Office of Petitions

Office of the Deputy Assistant Commissioner

for Patent Policy and Projects